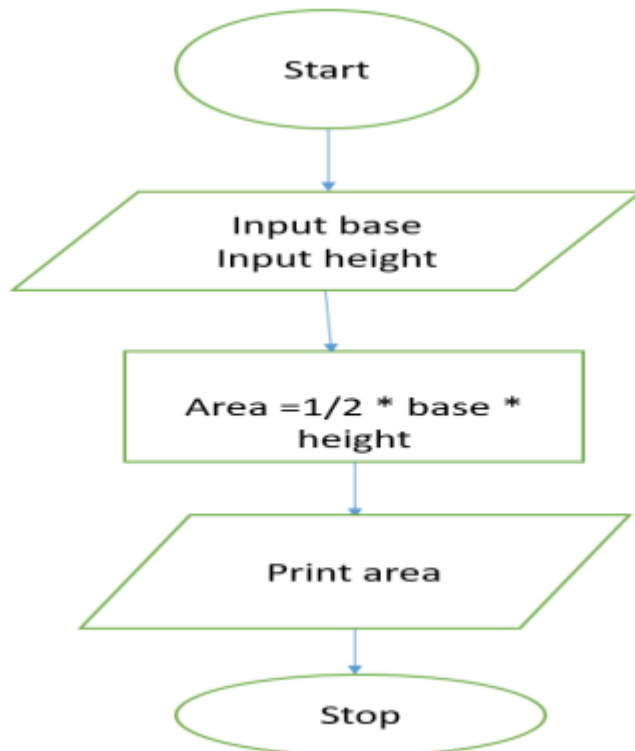


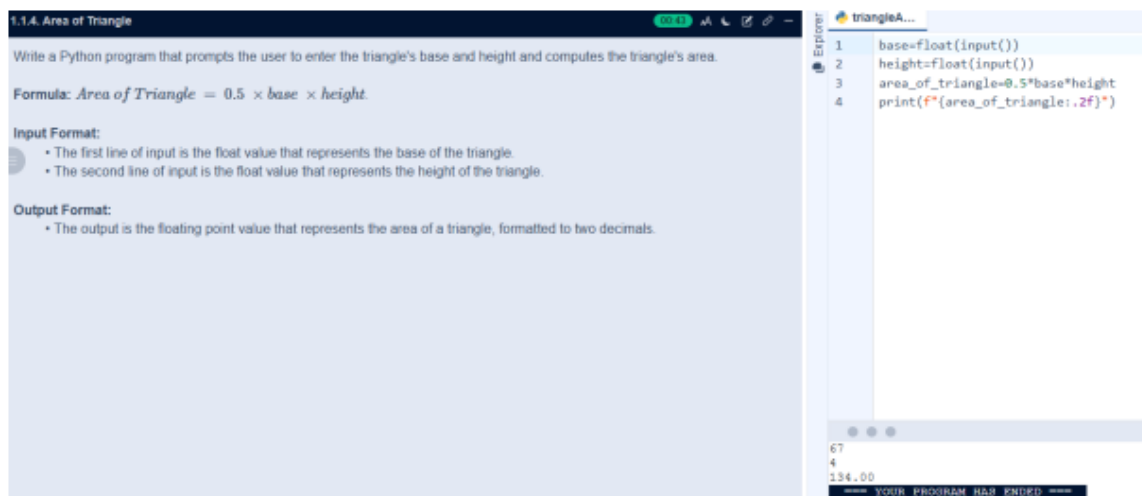
## EX-1.1.4- AREA OF TRIANGLE

**ALGORITHM**

1. Start
2. Read the base of the triangle
3. Read the height of the triangle
4. Compute the area using the formula:  
$$\text{area} = 0.5 \times \text{base} \times \text{height}$$
5. Display the area formatted to two decimal places
6. End

**FLOWCHART:**

## CODE:



The screenshot shows a Python IDE with a file named 'triangleA...'. The main editor window displays the following text:

1.1.4. Area of Triangle

Write a Python program that prompts the user to enter the triangle's base and height and computes the triangle's area.

Formula:  $Area\ of\ Triangle = 0.5 \times base \times height$ .

**Input Format:**

- The first line of input is the float value that represents the base of the triangle.
- The second line of input is the float value that represents the height of the triangle.

**Output Format:**

- The output is the floating point value that represents the area of a triangle, formatted to two decimals.

The right-hand pane shows the Explorer view with the following code:

```
1 base=float(input())
2 height=float(input())
3 area_of_triangle=0.5*base*height
4 print(f"area_of_triangle: {area_of_triangle:.2f}")
```

At the bottom, the output console shows the following text:

```
67
4
134.00
```

A status bar at the bottom indicates 'YOUR PROGRAM HAS ENDED'.